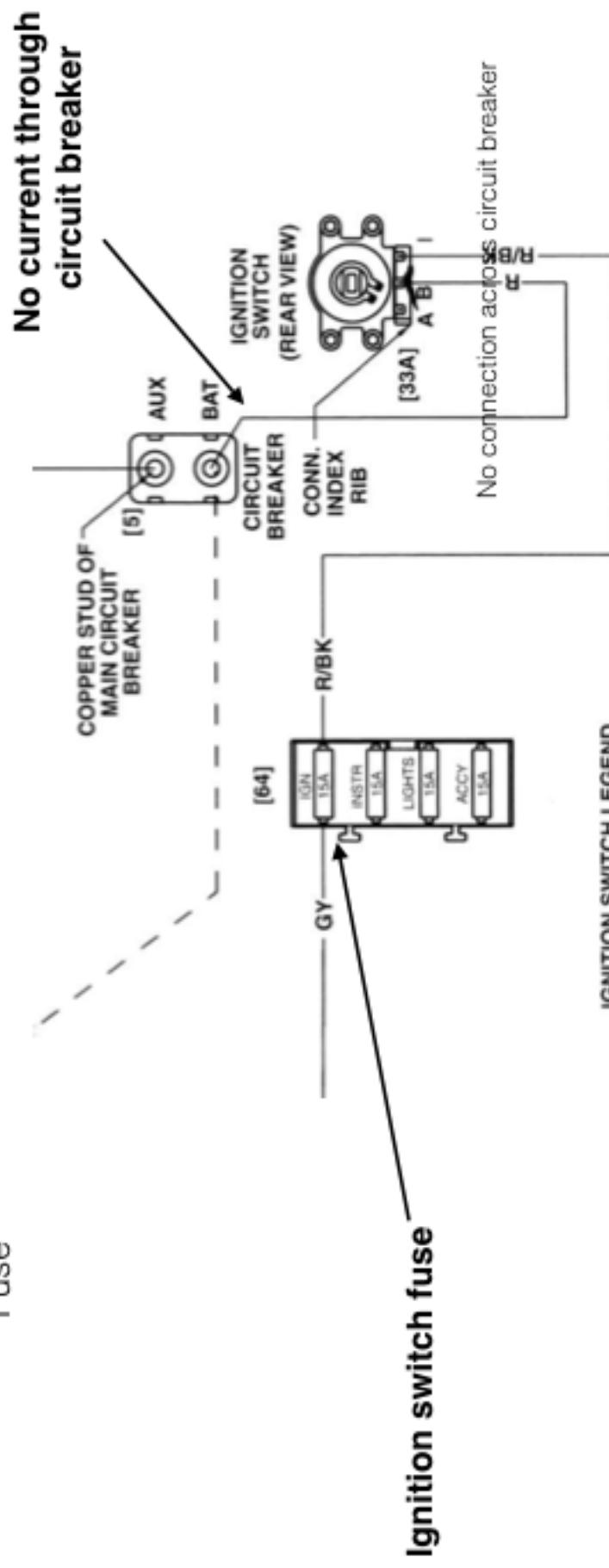


Harley-Davidson Motor Company, Inc. has decided that a defect which relates to motor vehicle safety, exists in certain 2001-2003 Model Year FL Touring and Police model motorcycles, including FLHPI, FLHTPI, FLHPEI, FLHTC1, FLHTCUI and FLTRSEI-2. These motorcycles have a condition whereby the 40 Amp. main circuit breaker could open due to reasons other than for which it was designed, causing an unexpected interruption of all electrical power to the motorcycle. This condition could cause a "quit while riding" situation, which could occur without warning and ultimately lead to a crash, thereby presenting a risk of death or injury to the rider.

Harley Davidson's 1998 Service Manual

Exhibit #88

Page 8-1
Ignition Switch
Fuse



IGNITION SWITCH LEGEND

POSITION	A RED/GREY	I RED/BLACK	B RED
ACCESSORY	•	•	•
LOCK	•	•	•
IGNITION	•	•	•

BATTERY IN SMALLEY TEST

Exhibit "FF" picture #10:



Exhibit #1 Service Manual page 8-57

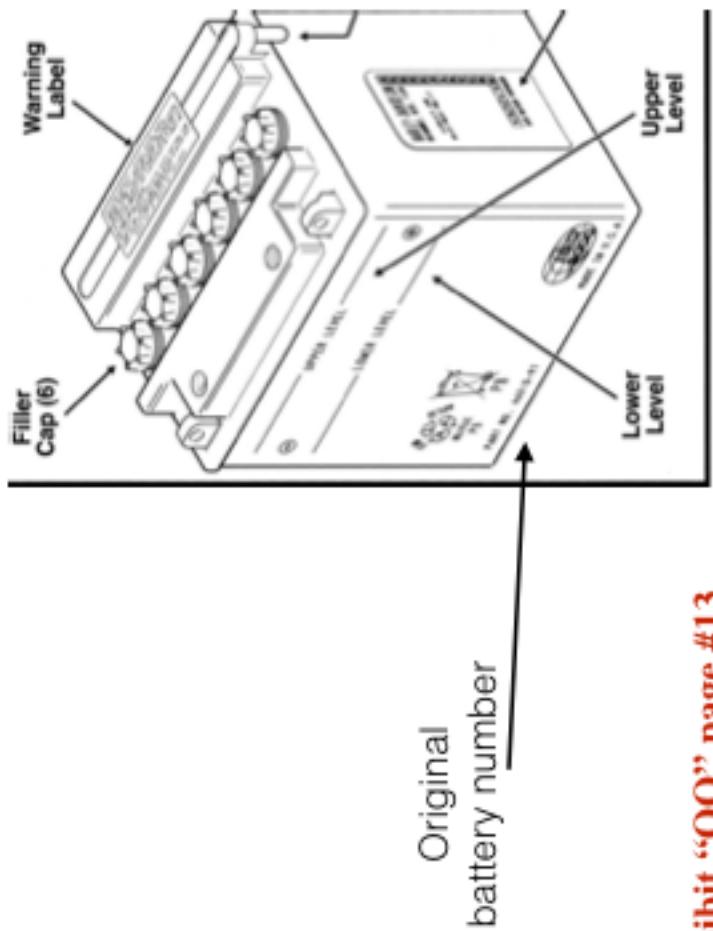


Exhibit "OO" page #13

W.O. Number: 17492
Appointment: 8/06/2002 1:47PM
Officed Back: 8/02/2002 2:07PM
Year: 1999
Mfg: HO
Model: FLHTC-UL T
VIN: 1HD1W15K1Y659508
Color: Unknown Color
Ref. No.:

Appointment Date

Mileage In: 11247
Mileage Out: 11247
Shop Tag:
Part No.:
Service Advisor: DSH
Sold By: MO
Invoice No: 90888
Dir. Lic #: RS190012

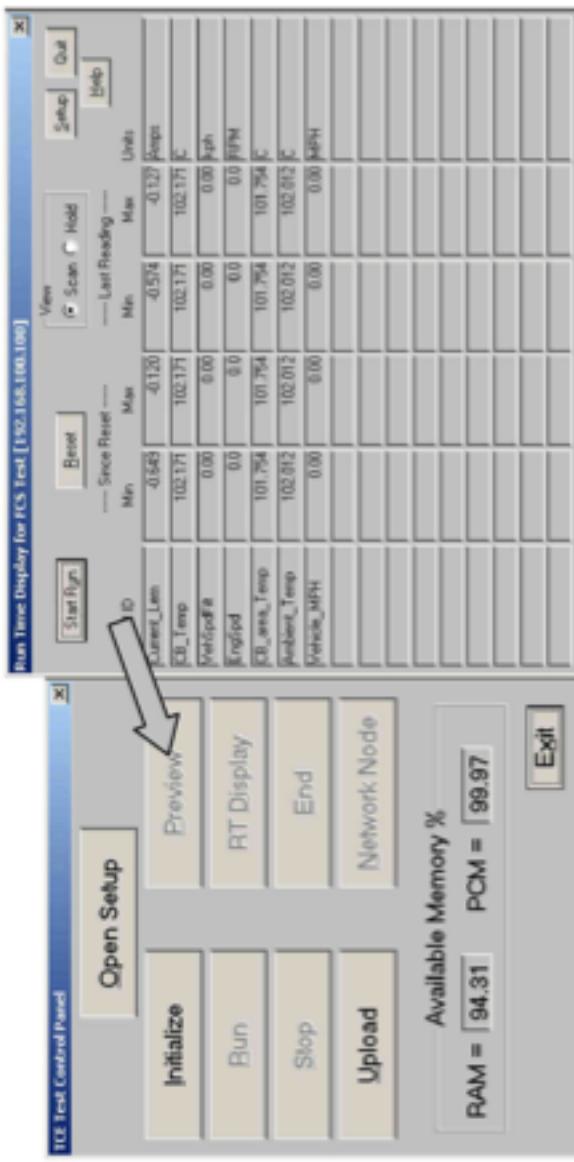
Item Number / Job Code	Item Description / Labor Description	Delivered Quantity / Hours	Price Each / Hourly Rate	Extended Amount
Event Number: 1	Type: R			
Description: 10000 MI				
20500T	BULK 55 GALLON DRUM OIL	4.00	3.25	13.00
32317-48A	SPARK PLUG, 6R12, 2 PACK	2.00	5.00	10.00
63758-99	OIL FILTER, CHROME, PREMI	1.00	11.95	11.95
68610-97	BATTERY, 30AH	1.00	94.95	94.95

Original
battery number

Harley Davidson's Directions To Start Smalley Test

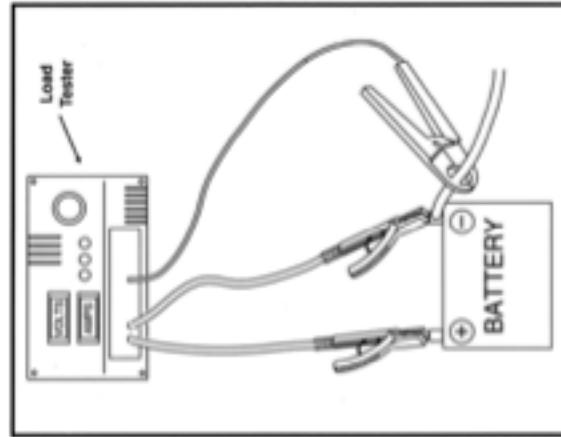
Mr. Hejlik: “*These instructions on how to covert the data that was collected I got from the electrical engineering department. They put it, they put it in a form of set of instructions with demonstrative showing exactly what needs to be done so I wouldn't make a mistake.*”

Note: Thermocouples should read ambient temperature, Current should read approx. 20Amps, and the engine speed should read approx. 1500RPM.



Defendant's
Exhibit "EE" page 31

Exhibit #1
page 8-48



exceed current draw by 3.5 amps, minimum. If not, there may be too many accessories for the charging system to handle. Reconnect regulator when test is complete.

NOTE

Rider's handle may require output test at lower RPM.

Current and Voltage Output Test

1. Connect load tester negative and positive leads to battery terminals and place load tester induction pickup over positive regulator cable as shown in Figure 8-41.
2. Run the engine at 3000 rpm and increase the load as required to obtain a constant 1:3.0 volts. See Figure 8-40. The current output should be as follows. Make note of the measurement.

ELHR, ELHRCI, ELHC, ELHTC, ELTB
 38 amp (Low Output) 34-40 amperes
 ELHTC-L, ELHTC-LU, ELTB-L
 45 amp (High Output) 41-48 amperes

Voltage Output Test

See Figure 8-41. After removing the load, read the load tester voltage meter. Voltage to the battery must be less than 15 volts. If voltage is higher, regulator is not functioning properly or connections are loose or dirty.

CAUTION
 Do not leave any load switch turned on for more than 20 seconds or overheating and tester damage are possible.

1500RMP's
 40amps

Smalley's Ultra

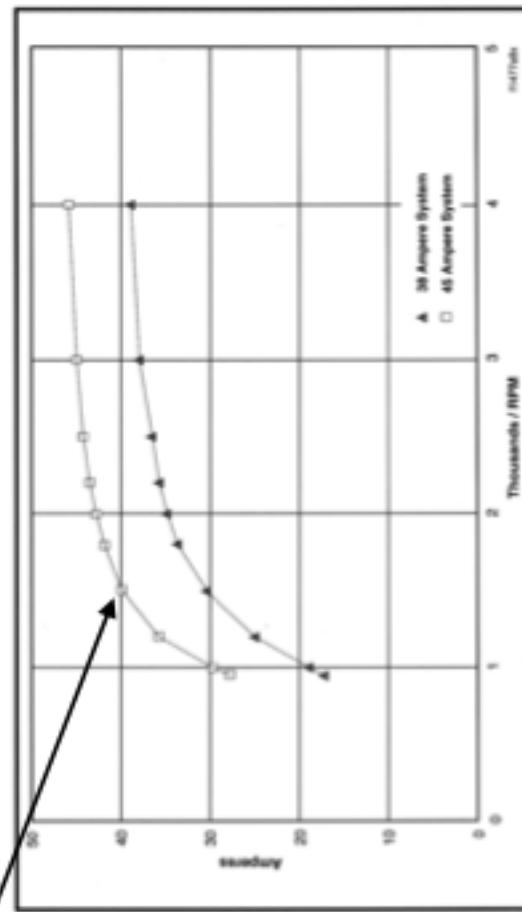


Figure 8-40. Charging System Current Output Curves

